

CLAIMS

1. An improved, reduced streaking/filming dilute cleaning formulation used in a no-rinse
cleaning application, preferably either by a dosing dispenser or in a combined
5 cleaning tool which contains a cleaning head, a handle, a reservoir of the cleaning
formulation mounted to said handle and a means for dispensing the cleaning
formulation in a suitable direction relative to the cleaning head, wherein said
formulation comprises:

- 10 a. a mixture of cleaning effective amount of surfactants, said mixture comprising
at least one anionic surfactant and at least one nonionic surfactant, said
nonionic surfactant having an HLB of least about 8;
- b. a water soluble polymer having a molecular weight below about 2,000,000
Daltons, said polymer being present in a shining, restorative or anti-filming
effective amount;
- c. at least one organic solvent with a vapor pressure of at least 0.001 mmHg at
25°C and soluble to the extent of at least 1g/100ml H₂O, preferably limited to
no more than about 50% of said formulation;
- d. at least one volatile buffer/chelating agent, in a cleaning-effective amount; and
- e. the remainder, water.

20 2. The formulation of claim 1 wherein said anionic surfactant is a C₆₋₂₀
alkyldiphenyloxide disulfonate.

25 3. The formulation of claim 2 wherein said nonionic surfactant is selected from the
group consisting of linear and branched alkoxylated alcohols and alkoxylated
alkylphenols.

30 4. The formulation of claim 3 wherein alkoxylated alcohols are selected from the group
consisting of ethoxylated, propoxylated and ethoxylated/propoxylated C₆₋₂₀ alcohols,
with about 1-5 moles of ethylene oxide, or about 1-5 moles of propylene oxide, or 1-5
and 1-5 moles of ethylene oxide and propylene oxide, respectively, per mole of
alcohol.

5. The formulation of either claim 4 or 2, wherein the ratio of said anionic to nonionic
surfactants is about 1:0.1 to about 1:1.

6. The formulation of claim 1 wherein said water soluble polymer is a polyacrylate polymer.
7. The formulation of claim 1 further comprising (f) at least one aesthetic or functional adjunct.